

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028803.D
 Acq On : 19 Dec 2018 18:58
 Operator : MD/SY
 Sample : J6449-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13A_R1

Quant Time: Dec 20 03:22:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

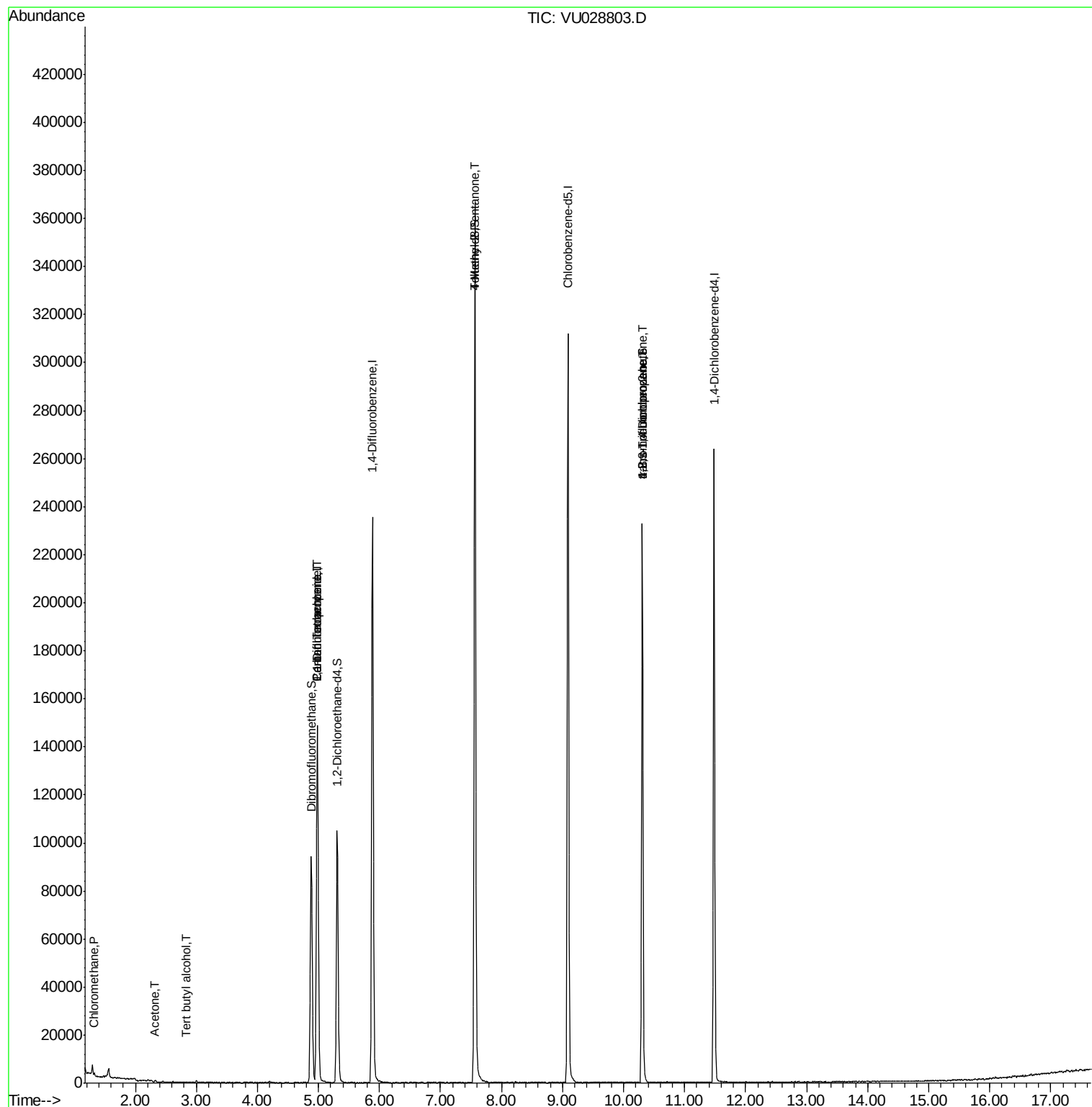
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	119477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	201990	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78263	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
35) Dibromofluoromethane	4.88	113	66650	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	7.57	98	257821	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	10.30	95	80334	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	763	0.259	ug/l #	70
11) Tert butyl alcohol	2.84	59	107	0.263	ug/l #	73
16) Acetone	2.33	43	440	0.370	ug/l #	44
31) Cyclohexane	4.98	56	2214	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8908	4.030	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10482	5.884	ug/l #	16
51) 4-Methyl-2-Pentanone	7.56	43	901	0.316	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	38425	21.075	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	38425	51.797	ug/l #	100

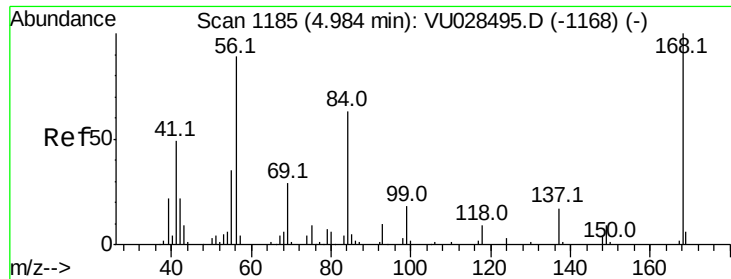
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028803.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

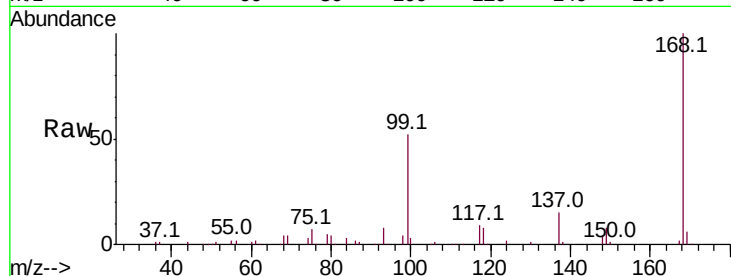
MW-13A_R1

Tot Ion:168 Resp: 119477

Ion Ratio Lower Upper

168 100

99 51.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

60000

50000

40000

30000

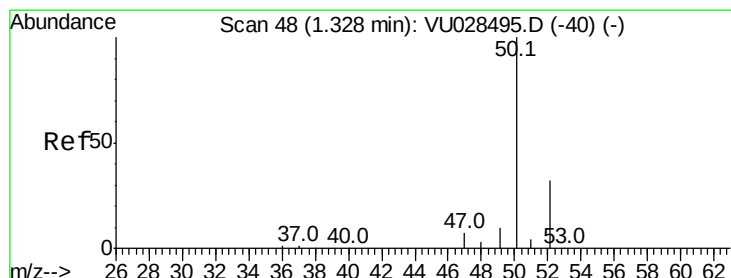
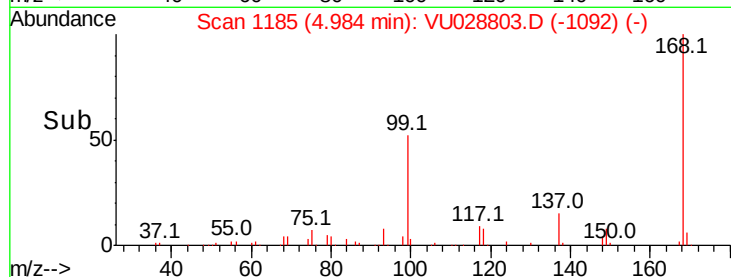
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028803.D

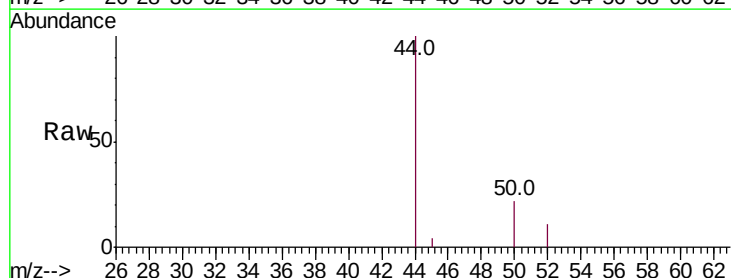
Acq: 19 Dec 2018 18:58

Tgt Ion: 50 Resp: 763

Ion Ratio Lower Upper

50 100

52 48.8 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

800

600

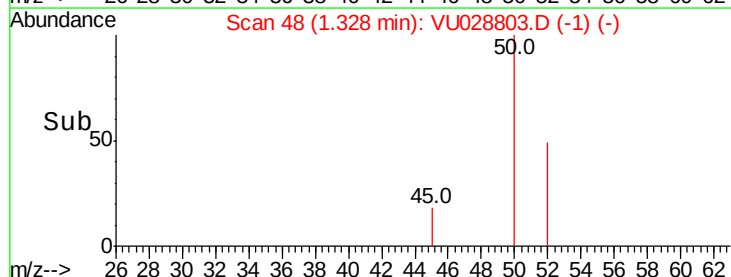
400

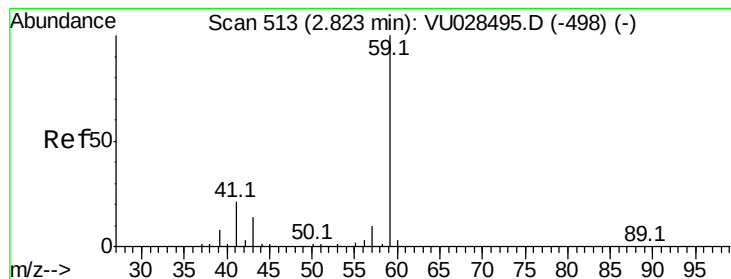
200

0

1.30 1.32 1.34 1.36

Time-->



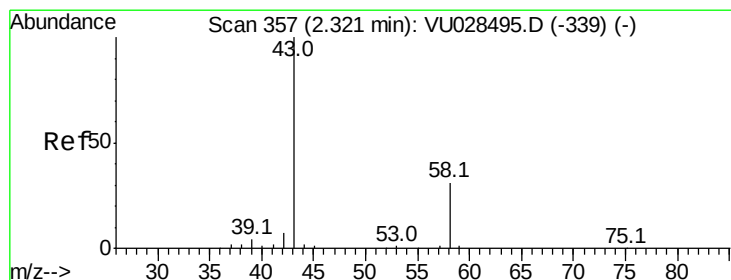
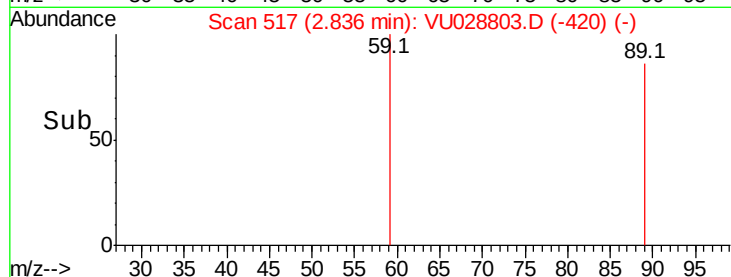
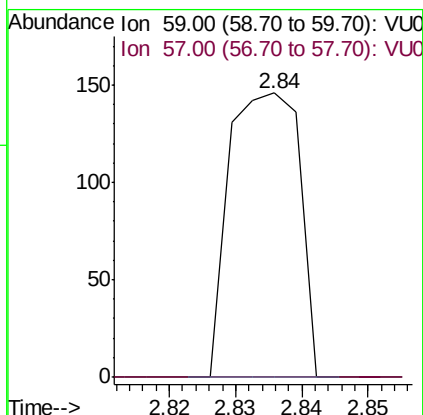
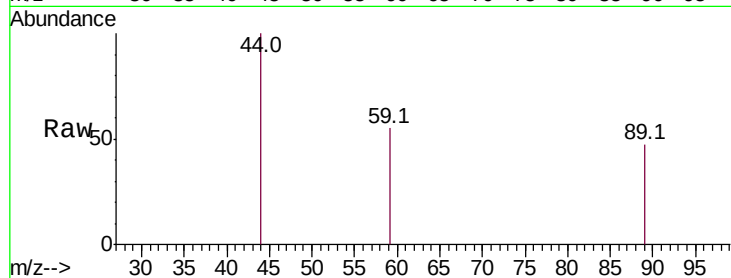


#11

Tert butyl alcohol
 Concen: 0.263 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13A_R1

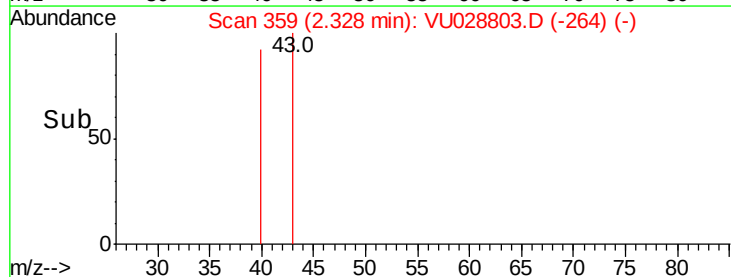
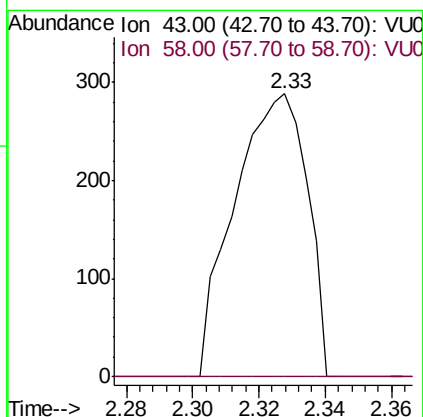
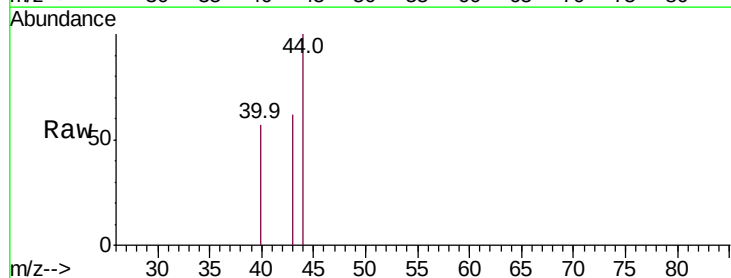
Tot Ion: 59 Resp: 107
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

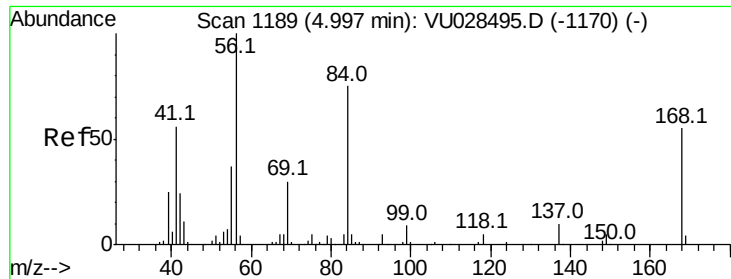


#16

Acetone
 Concen: 0.370 ug/l
 RT: 2.33 min Scan# 359
 Delta R.T. 0.01 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Tgt Ion: 43 Resp: 440
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.6 37.0#

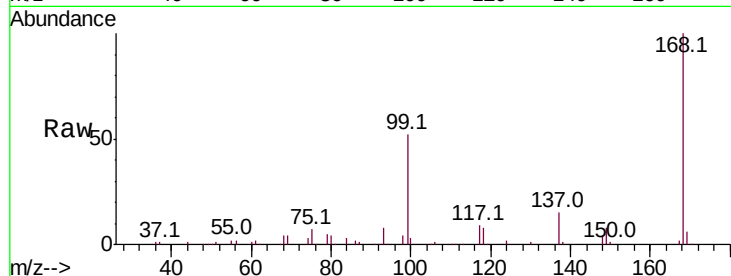




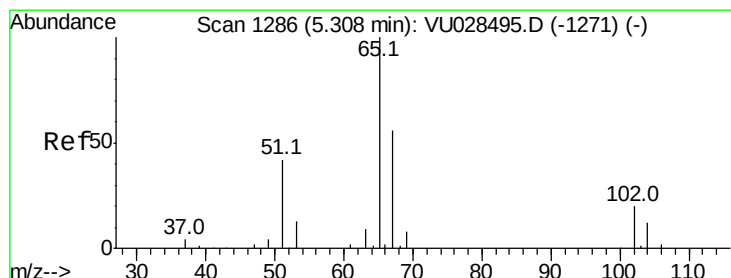
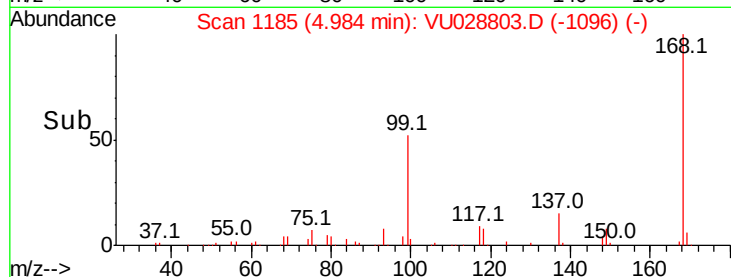
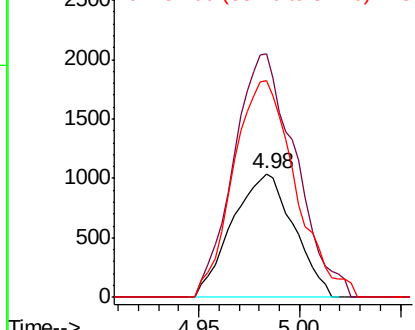
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028803.D
Acq: 19 Dec 2018 18:58

Instrument :
MSVOA_U
ClientSampleId :
MW-13A_R1

Tot Ion: 56 Resp: 2214
Ion Ratio Lower Upper
56 100
69 197.2 24.0 36.0#
84 175.4 59.7 89.5#

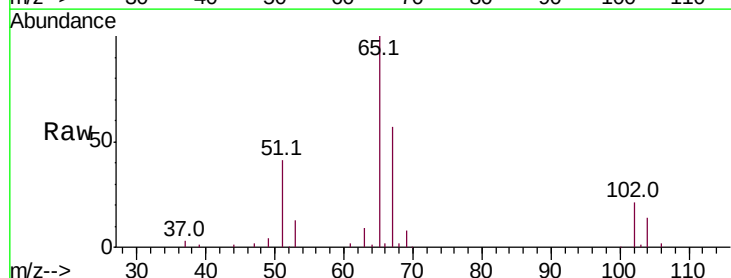


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

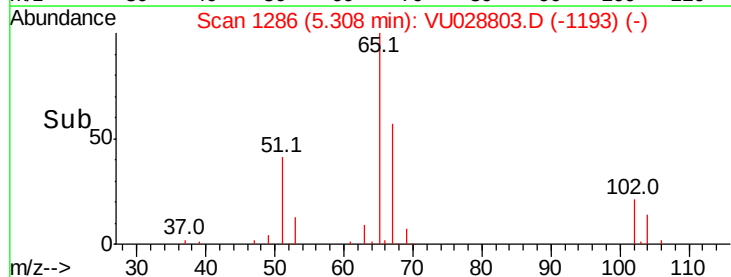
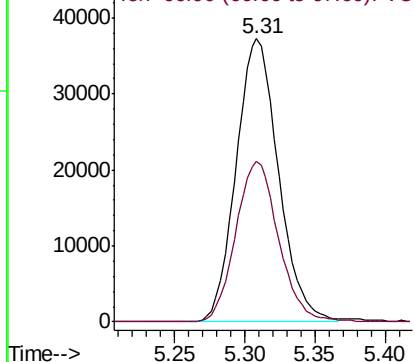


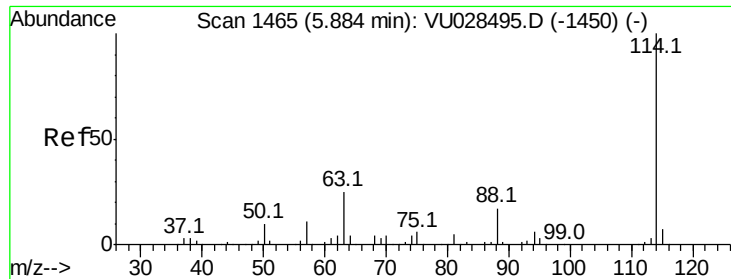
#33
1,2-Dichloroethane-d4
Concen: 42.924 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028803.D
Acq: 19 Dec 2018 18:58

Tgt Ion: 65 Resp: 78263
Ion Ratio Lower Upper
65 100
67 57.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

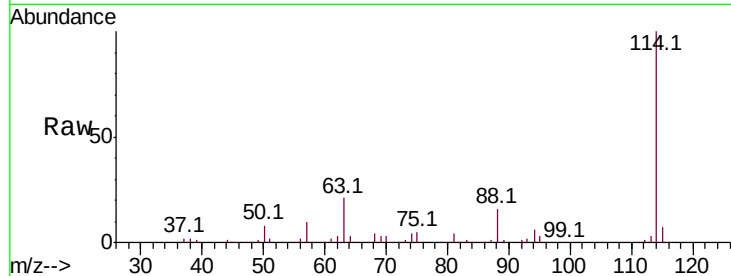




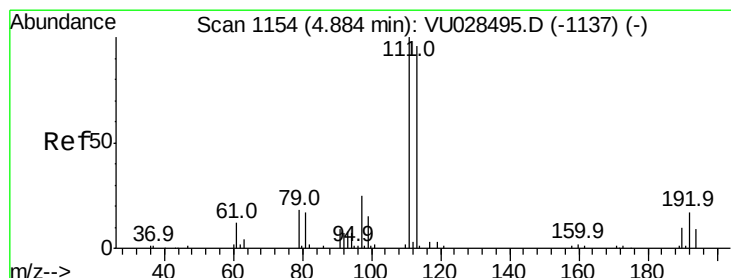
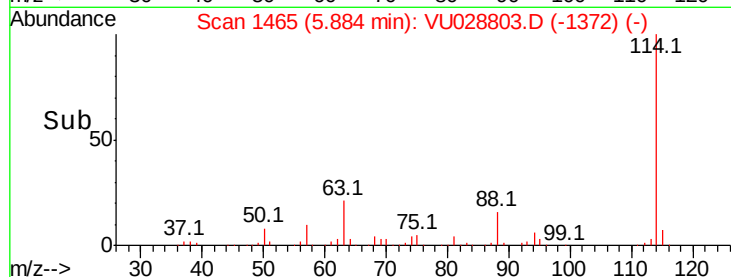
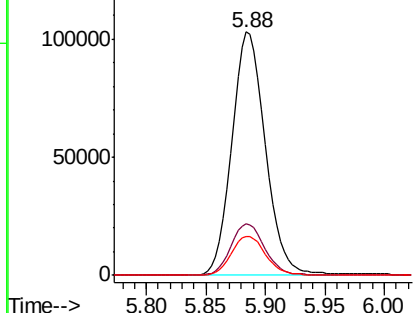
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13A_R1

Tot Ion:	114	Resp:	201990
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	49.2
88	15.9	0.0	33.4

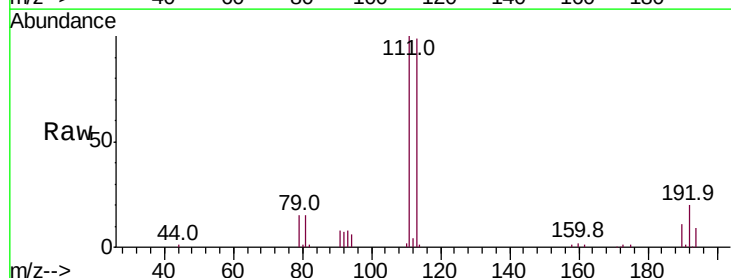


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

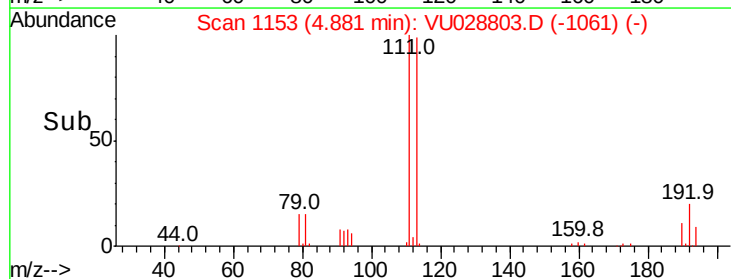
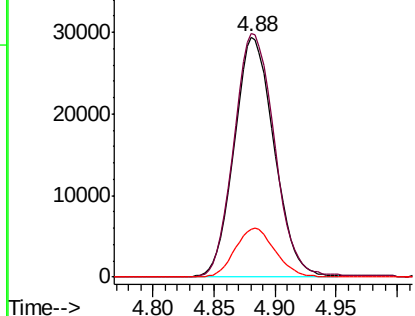


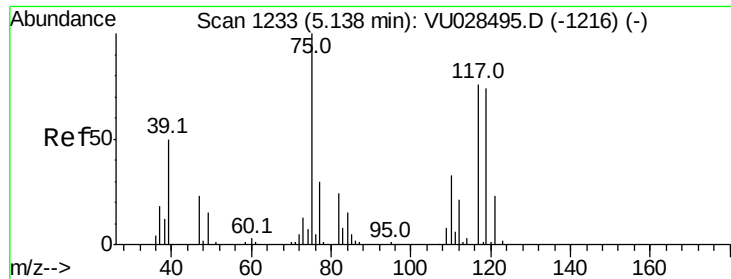
#35
 Dibromofluoromethane
 Concen: 52.433 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Tgt Ion:	113	Resp:	66650
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	20.3	14.8	22.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

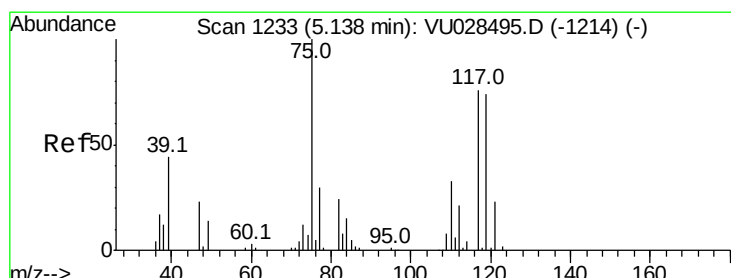
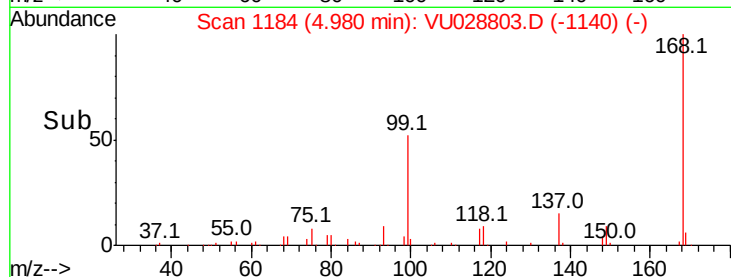
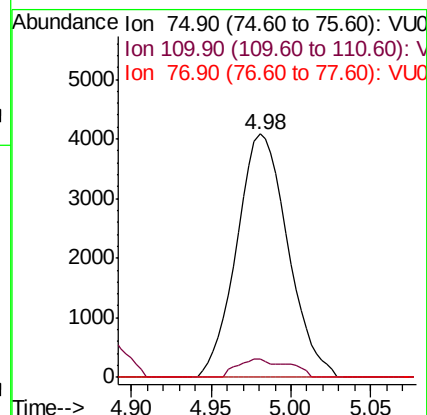
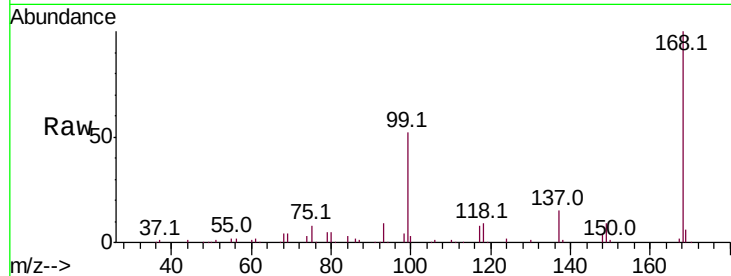




#36
 1,1-Dichloropropene
 Concen: 4.030 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

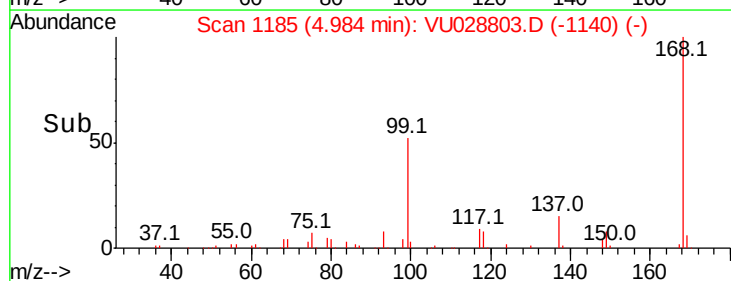
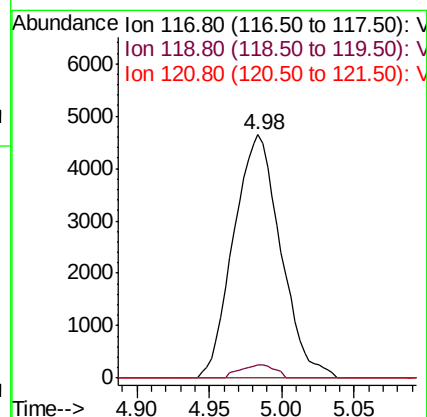
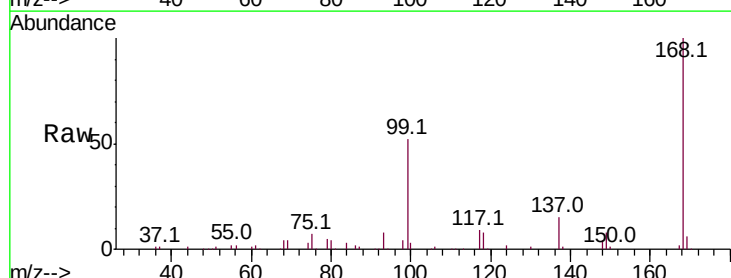
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13A_R1

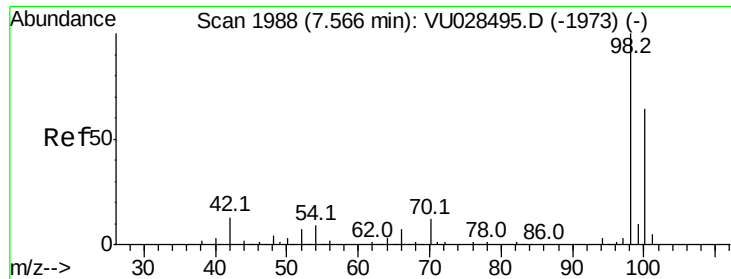
Tot Ion: 75 Resp: 8908
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.1 48.2#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.884 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Tgt Ion: 117 Resp: 10482
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.6 116.4#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 51.273 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028803.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

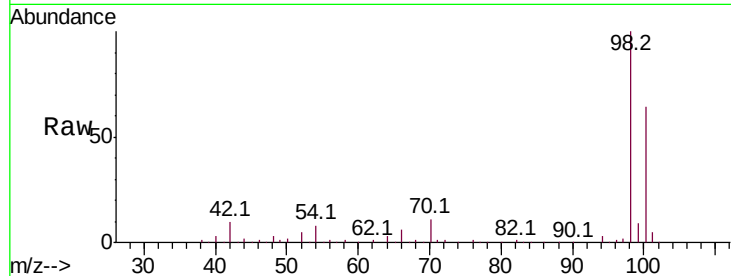
MW-13A_R1

Tot Ion: 98 Resp: 257821

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

150000

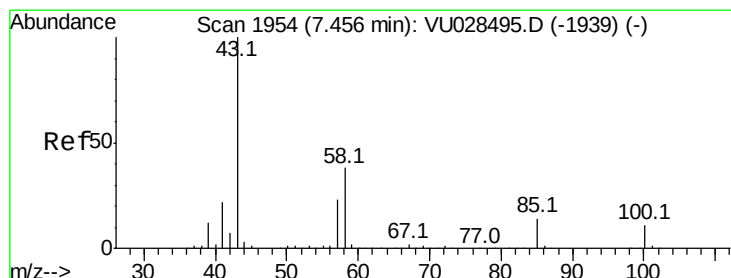
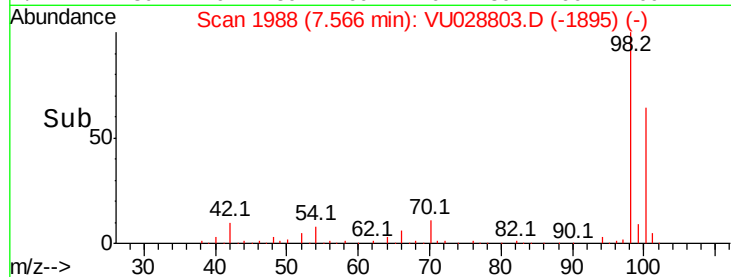
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.316 ug/l

RT: 7.56 min Scan# 1986

Delta R.T. 0.10 min

Lab File: VU028803.D

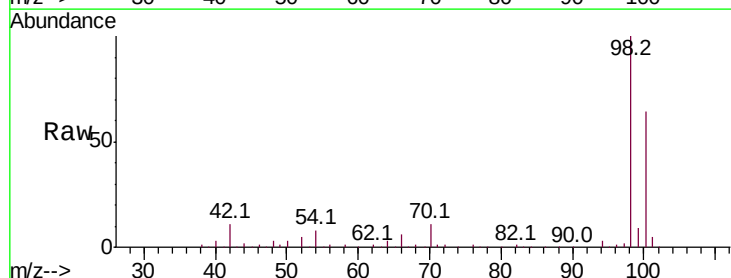
Acq: 19 Dec 2018 18:58

Tgt Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

58 216.9 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

7.56

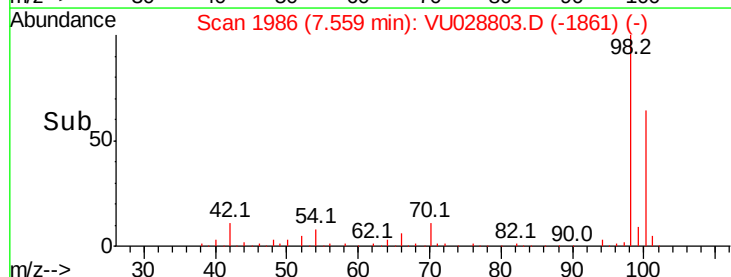
1000

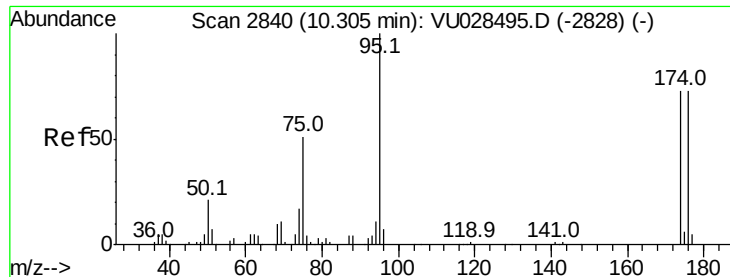
500

0

7.55 7.60

Time-->





#62

4-Bromofluorobenzene

Concen: 42.744 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028803.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

MW-13A_R1

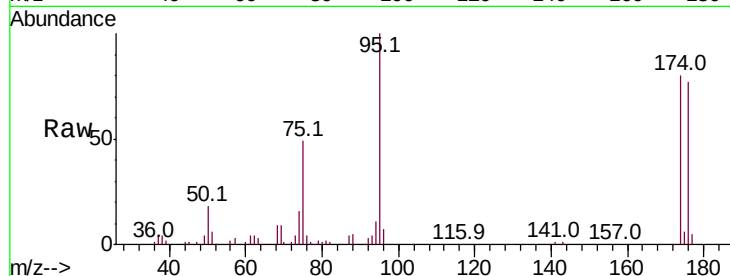
Tot Ion: 95 Resp: 80334

Ion Ratio Lower Upper

95 100

174 81.8 0.0 150.4

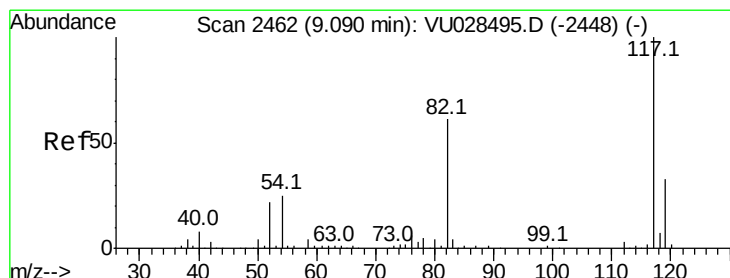
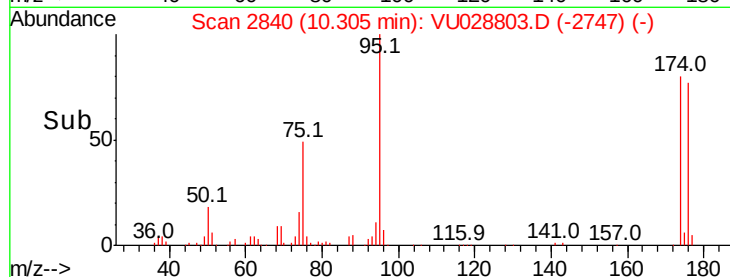
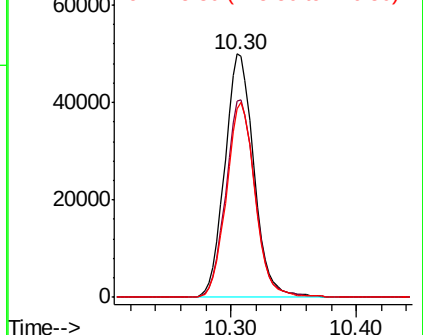
176 78.8 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028803.D

Acq: 19 Dec 2018 18:58

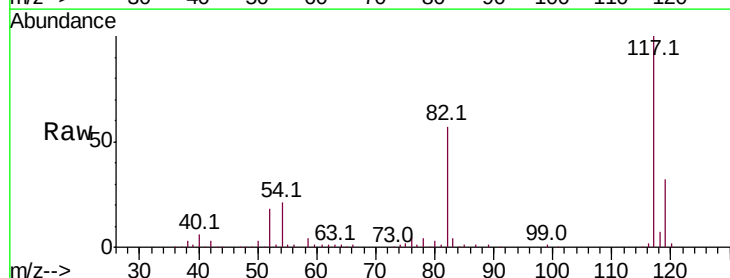
Tgt Ion: 117 Resp: 180262

Ion Ratio Lower Upper

117 100

82 56.6 48.9 73.3

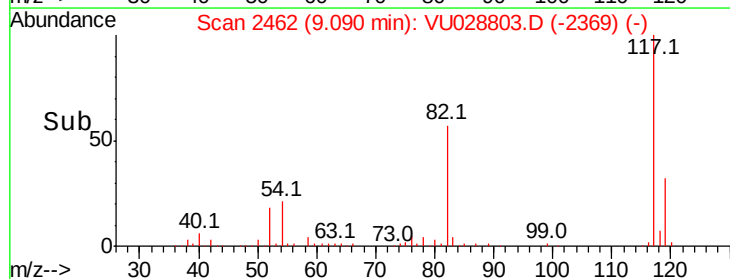
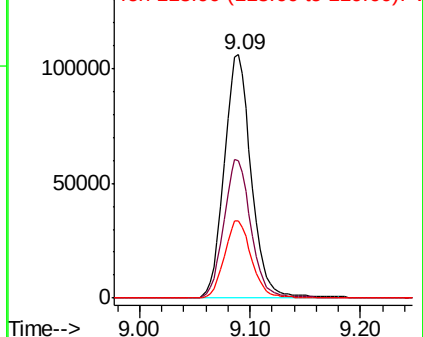
119 31.9 26.2 39.4

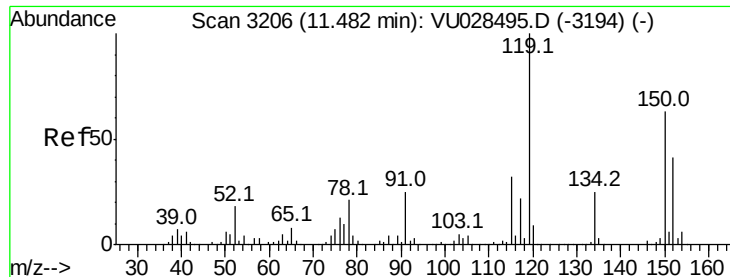


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

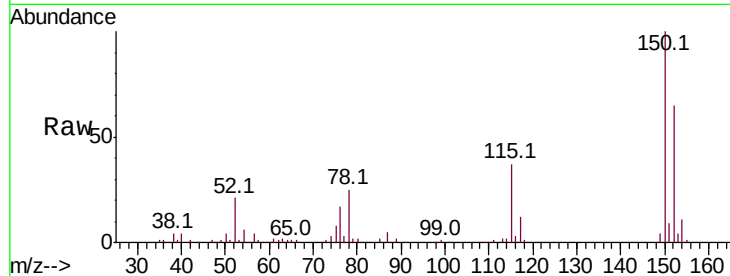




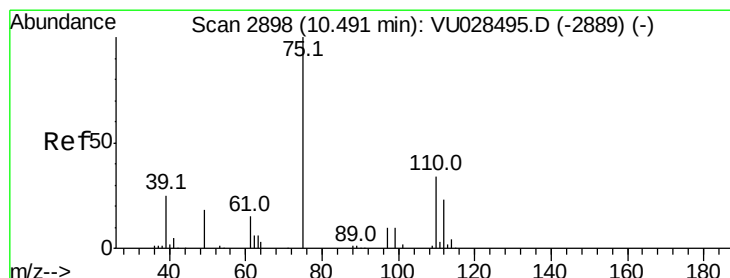
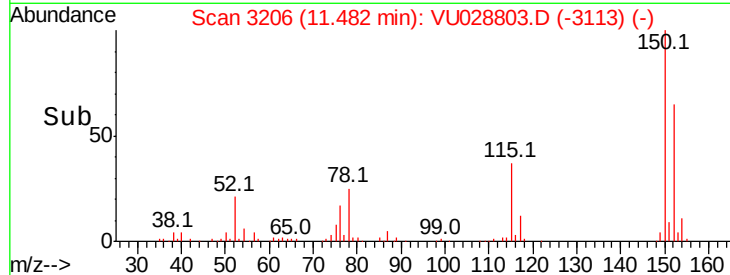
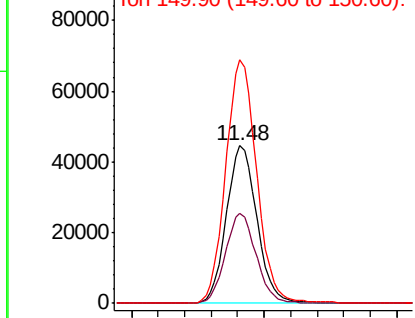
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13A_R1

Tot Ion:152 Resp: 71402
 Ion Ratio Lower Upper
 152 100
 115 57.4 42.7 128.1
 150 156.7 0.0 346.0

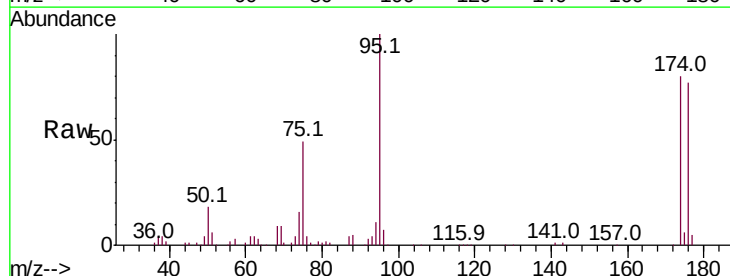


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

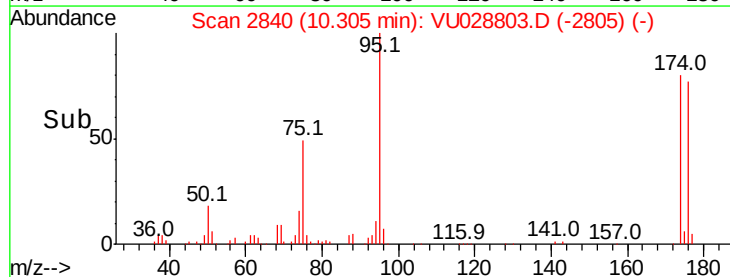
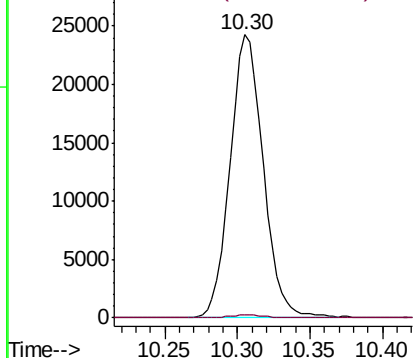


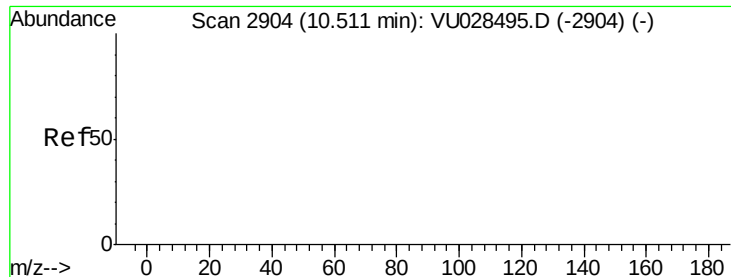
#76
 1,2,3-Trichloropropane
 Concen: 21.075 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028803.D
 Acq: 19 Dec 2018 18:58

Tgt Ion: 75 Resp: 38425
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.797 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028803.D

Acq: 19 Dec 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

MW-13A_R1

Tot Ion: 75 Resp: 38425

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

